

Technical data

Engine

Model		220 D	240 D		300 D	
Chassis Type		115.110	115.117	123.123	115.114	123.130
Engine		615.912	616.916	616.912	617.910	617.912
Operation		Four-stroke diesel engine				
Number of cylinder		4			5	
Arrangement of cylinders		Upright in line				
Bore	mm/in.	87/3.43	91/3.58 ¹⁾		90.90/3.58 ²⁾	
Stroke	mm/in.	92.4/3.64	92.4/3.64			
Total eff. piston displacement	cm ³ /cu.in.	2197/ 134.1	2404/146.7 ¹⁾ 2399/146.4 ²⁾		3005/183.4 ¹⁾ 2998/183 ²⁾	
Compression ratio		21:1				
Firing order		1—3—4—2			1—2—4—5—3	
Max. engine rpm (no load)		4350	5400	5200	5100	
Engine output	SAE net bhp/rpm	57/4200	62/4000	65/4200	77/4000	
Max. torque	SAE net lb.ft./rpm	88/2400	97/2400	97/2400	115/2400	
Crankshaft bearings		5			6	
Valve arrangement		Overhead				
Camshaft arrangement		OHC				
Oil cooling		Air-oil cooler				
Cooling		Water circulation pump, thermostat with by-pass line, fan with viscous coupling, finned tube radiator				
Lubrication		Forced oil circulation via gear-type oil pump				
Oil filter		Combination full-flow by-pass filter				
Air filter		Oil bath		Paper cartridge		

¹⁾ Up to model year 1978

²⁾ Starting model year 1979